

# Converting Colors

Hex(84E57F)

Have a look what the booklet for  
Hex(84E57F) contains.

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**Color**

**Hex(84E57F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E57F
RGB	132, 229, 127
RGB Percent	52%, 90%, 50%
CMY	0.4824, 0.1020, 0.5020
CMYK	0.42, 0.00, 0.45, 0.10
HSL	117°, 66%, 70%
HSV	117°, 45%, 90%
XYZ	41.3658, 62.4765, 29.9576
YIQ	188.3690, -25.0700, -52.2860

# Conversions

## Conversions Part 2

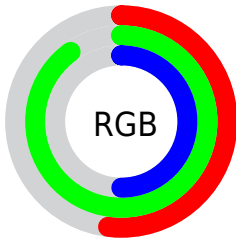
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 229, 224
Decimal	8709503
CIELab	83.17, -48.53, 40.90
CIELCh	83, 63.463, 139.879
Yxy	62.4765, 0.3092, 0.4669
Android (android.graphics.Color)	4286899583 (0xFF84E57F)
YUV	188.3690, -30.2549, -49.4356
Hunter-Lab	79.0421, -44.9076, 32.8580

# Details

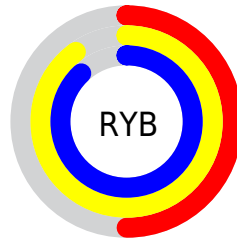
The Hex color **84E57F** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E07FE5**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BDFFB5**, and **4BAD4C** is the 20% darker color. If you saturate the color by 10%, you get **6EE568**, and if you desaturate by 10%, it is **9AE596**.

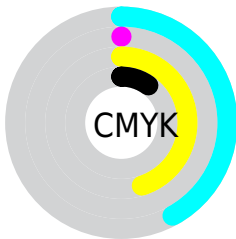
# Distribution



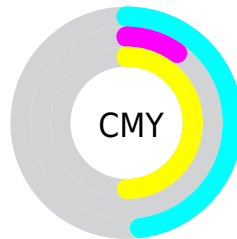
- Red (52%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (48%)
- Magenta (10%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84E57F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 84E57F by changing the saturation by 10% instead.



 84E57F

FFFFFF

 BDFFB5

 DAFFD1

 F8FFEE

 84E57F

 68C965

 4BAD4C

 2B9233

 007719

 005E00

 004500

 002F00

 001300

 000000

 84E57F

 84E57F

 6EE568

 9AE596

 58E551

 B0E5AD

 43E53A

 C5E5C4

 2DE523

 DBE5DB

 17E50C

 F1E5F2

 0BE500

 FFE5FF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CAD859



84E57F



00ECB8

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84E57F



00DCFF



FF9DAA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84E57F



E07FE5

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9EE6



84E57F



B1C7FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84E57F



00E8FF



FFAFFF



FFAE76

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84E57F



00EDE2



FFAFFF



FF9BBE

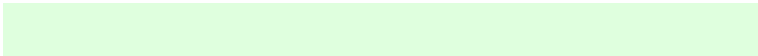


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84E57F



DFFFDE



E5E07F



6C806B



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84E57F



7EFF78



7FE5AD



687367



09B300



023300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E07FE5



F878FF



E57FB7



726773



AA00B3

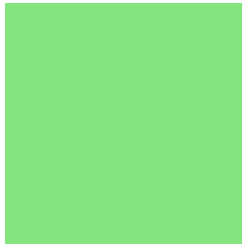


310033



# Previews

## White Background



This preview shows how the Hex color 84E57F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 84E57F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

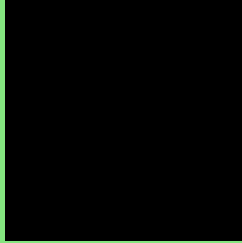
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84E57F Background



This preview shows how black text looks on a background with the Hex color 84E57F.

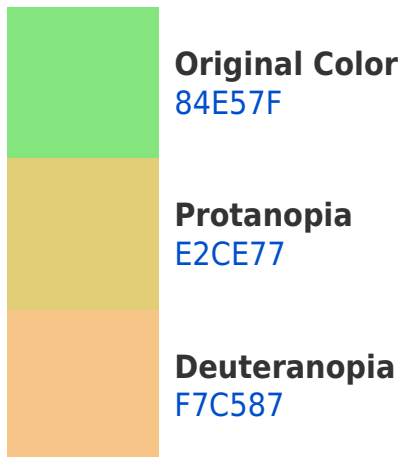


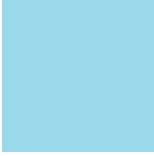
This preview shows how white text looks on a background with the Hex color 84E57F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

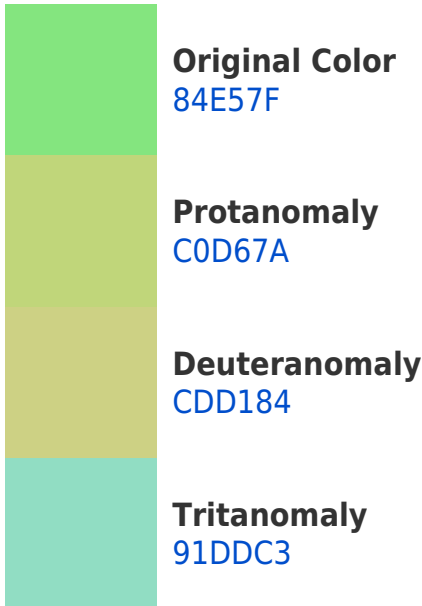
## Dichromacy



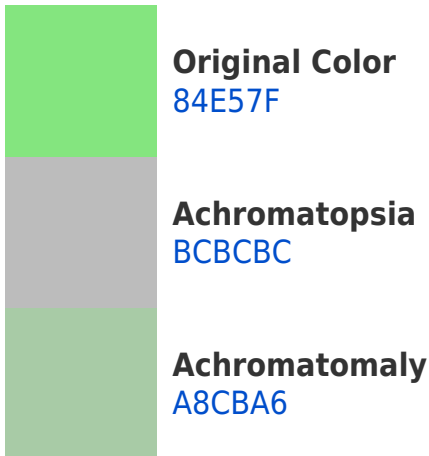


**Tritanopia**  
99D9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84E57F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #84E57F looks like.

```
.text, #text, p{  
    color:#84E57F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #84E57F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E57F
}
```

## Border

The CSS property to change the border of an element to Hex 84E57F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84E57F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#84E57F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #84E57F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E57F; -webkit-box-shadow:4px 4px  
4px 4px #84E57F; box-shadow:4px 4px 4px  
4px #84E57F }
```

# Background

The CSS property to change the background color of an element to Hex 84E57F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E57F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#84E57F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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